



UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Lawrence W. Yonge III Art Unit : 2663
Serial No. : 09/632,609 Examiner : Keith M. George
Filed : August 4, 2000
Title : METHOD AND PROTOCOL TO SUPPORT CONTENTION-FREE
INTERVALS AND QOS IN A CSMA NETWORK

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Copies of the references listed on the attached form PTO-1449 are enclosed. Applicant does not concede that the listed references are prior art.

This filing is being made within three months of the filing of a Request for Continued Examination. No fee is required.

If there are any charges, or any credits, please apply them to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 2 NOV 2004

G. Roger Lee
Reg. No. 28,963

Arnt Meiklejohn
Reg. No. 35,283

Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110-2804
Telephone: (617) 542-5070
Facsimile: (617) 542-8906

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 04838-062001	Application No. 09/632,609
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Lawrence W. Yonge III.	
		Filing Date August 4, 2000	Group Art Unit 2663

(37 CFR §1.98(b))

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	6778507	08/17/04	Jalali			
	AB	6747976	06/08/04	Bensaou et al.			
	AC	6671284	12/30/03	Yonge III et al.			
	AD	6667991	12/23/03	Tzannes			
	AE	6654410	11/25/03	Tzannes			
	AF	6567914	05/20/03	Just et al.			
	AG	6553534	04/22/03	Yonge III et al.			
	AH	6538985	03/25/03	Petry et al.			
	AI	6526451	02/25/03	Kasper			
	AJ	6519263	02/11/03	Huth			
	AK	6501760	12/31/02	Ohba et al.			
	AL	6487212	11/26/02	Erimli et al.			
	AM	6480489	11/12/02	Muller et al.			
	AN	6473435	10/29/02	Zhou et al.			
	AO	6466580	10/15/02	Leung			
	AP	6456649	09/24/02	Isaksson et al.			
	AQ	6434153	08/13/02	Yazaki et al.			
	AR	6430661	08/06/02	Larson et al.			
	AS	6385672	05/07/02	Wang et al.			
	AT	6370156	04/09/02	Spruyt et al.			
	AU	6363052	03/26/02	Hosein			
	AV	6343083	01/29/02	Mendelson et al.			
	AW	6334185	12/25/01	Hansson et al.			
	AX	6295296	09/25/01	Tappan			
	AY	6289000	09/11/01	Yonge, III			
	AZ	6278716	08/21/01	Rubenstein et al.			
	AAA	6259696	07/10/01	Yazaki et al.			

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

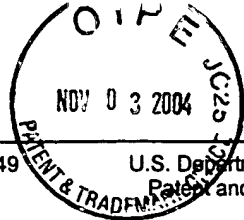
Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 04838-062001	Application No. 09/632,609
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Lawrence W. Yonge III.	
		Filing Date August 4, 2000	Group Art Unit 2663

(37 CFR §1.98(b))

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	ABB	6252849	06/26/01	Rom et al.			
	ACC	6243449	06/05/01	Margulis et al.			
	ADD	6243386	06/05/01	Chan et al.			
	AEE	6222851	04/24/01	Petry			
	AFF	6216244	04/10/01	Myers et al.			
	AGG	6202082	03/13/01	Tomizawa et al.			
	AHH	6188717	02/13/01	Kaiser et al.			
	AII	6182147	01/30/01	Farinacci			
	AJJ	6169744	01/02/01	Grabelsky et al.			
	AKK	6151296	11/21/00	Vijayan et al.			
	ALL	6108713	08/22/00	Sambamurthy et al.			
	AMM	6076115	06/13/00	Sambamurthy et al.			
	ANN	6044482	03/28/00	Wong			
	AOO	6041358	03/21/00	Huang et al.			
	APP	6044154	03/28/00	Kelly			
	AQQ	6041063	03/21/00	Povlsen et al.			
	ARR	6005894	12/21/99	Kumar			
	ASS	5966412	10/12/99	Ramaswamy			
	ATT	5948060	09/07/99	Gregg et al.			
	AUU	5940399	08/17/99	Weizman			
	AVV	5914959	06/22/99	Marchetto et al.			
	AWW	5914932	06/22/99	Suzuki et al.			
	AXX	5903614	05/11/99	Suzuki et al.			
	AYY	5892769	04/06/99	Lee			
	AZZ	5884040	03/16/99	Chung			
	AAAA	5841873	11/24/98	Lockhart et al.			
	ABBB	5841778	11/24/98	Shaffer et al.			

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 04838-062001	Application No. 09/632,609
		Applicant Lawrence W. Yonge III.	
		Filing Date August 4, 2000	Group Art Unit 2663

**Information Disclosure Statement
by Applicant**
(Use several sheets if necessary)

(37 CFR §1.98(b))

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	ACCC	5828677	10/27/98	Sayeed et al.			
	ADDD	5825807	10/20/98	Kumar			
	AEEE	5818826	10/06/98	Gfeller et al.			
	AFFF	5812599	09/22/98	Van Kerckhove			
	AGGG	5799033	08/25/98	Baggen			
	AHHH	5793307	08/11/98	Perrault et al.			
	AIHH	5787071	07/28/98	Basso et al.			
	AJJJ	5757770	05/26/98	Lagoutte et al.			
	AKKK	5757766	05/26/98	Sugita			
	ALLL	5732113	03/24/98	Schmidl et al.			
	AMMM	5717689	02/10/98	Ayanoglu			
	ANNN	5706348	01/06/98	Gray et al.			
	AOOO	5694389	12/02/97	Seki et al.			
	APPP	5644576	07/01/97	Bauchot et al.			
	AQQQ	5636230	06/03/97	Marturano et al.			
	ARRR	5629948	05/13/97	Hagiwara et al.			
	ASSS	5623512	04/22/97	Sasaki			
	ATTT	5619651	04/08/97	Young			
	AUUU	5615212	03/25/97	Ruszczuk et al.			
	AVVV	5612975	03/18/97	Becker et al.			
	AWWW	5610908	03/11/97	Shelswell et al.			
	AXXX	5568476	10/22/96	Sherer et al.			
	AYYY	5563883	10/08/96	Cheng			
	AZZZ	5555268	09/10/96	Fattouche et al.			
	AAAAA	5548649	08/20/96	Jacobson			
	ABBBB	5541922	07/30/96	Pyhalammi			
	ACCCC	5537414	07/16/96	Takiyasu et al.			

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 04838-062001	Application No. 09/632,609
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Lawrence W. Yonge III.	
		Filing Date August 4, 2000	Group Art Unit 2663

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	ADDDD	5524027	06/04/96	Huisken			
	AEEEE	5515379	05/07/96	Crisler et al.			
	AFFFF	5504747	04/02/96	Sweazey			
	AGGGG	5488632	01/30/96	Mason et al.			
	AHHHH	5483529	01/09/96	Baggen et al.			
	AIIII	5452322	09/19/95	Lauer			
	AJJJJ	5452288	09/19/95	Rahuel et al.			
	AKKKK	5448565	09/05/95	Chang et al.			
	ALLLL	5426646	06/20/95	Slack			
	AMMMM	5416801	05/16/95	Chouly et al.			
	ANNNN	5343473	08/30/94	Cidon et al.			
	AOOOO	5339313	08/16/94	Ben-Michael et al.			
	APPPP	5307376	04/26/94	Castelain et al.			
	AQQQQ	5280480	01/18/94	Pitt et al.			
	ARRRR	5274629	12/28/93	Helard et al.			
	ASSSS	5231634	07/27/93	Giles et al.			
	ATTTT	5228025	07/13/93	Le Floch et al.			
	AUUUU	5214646	05/25/93	Yacoby			
	AVVVV	5197061	03/23/93	Halbert-Lassalle et al.			
	AWWWW	5157659	10/20/92	Schenkel			
	AXXXX	5140584	08/18/92	Suzuki			
	AYYYY	5121396	06/09/92	Irvin et al.			
	AZZZZ	5105423	04/14/92	Tanaka et al.			
	AAAAAA	5081678	01/14/92	Kaufman et al.			
	ABBBBB	5046069	09/03/91	Calvignac et al.			
	ACCCCC	5003539	03/26/91	Takemoto et al.			
	ADDDDD	5001472	03/19/91	Fischer et al.			

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 04838-062001	Application No. 09/632,609
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Lawrence W. Yonge III.	
		Filing Date August 4, 2000	Group Art Unit 2663

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AEEEEEE	4943959	07/24/90	Arnold			
	AFFFFF	4881241	11/14/89	Pommier et al.			
	AGGGGG	4819229	04/04/89	Pritty et al.			
	AHHHHH	4792947	12/20/88	Takiyasu et al.			
	AIIIII	4726018	02/16/88	Bux et al.			
	AJJJJJ	4720850	01/19/88	Oberlander et al.			
	AKKKKK	4677612	06/30/87	Olson et al.			
	ALLLLL	4630261	12/16/86	Irvin			
	AMMMMM	4581734	04/08/86	Olson et al.			
	ANNNNN	4569044	02/04/86	Tao et al.			
	AOOOOO	2004/0001499	01/01/04	Patella et al.			
	APPPPP	2003/0006883	01/09/03	Kim et al.			
	AQQQQQ	2003/0174664	09/18/03	Benveniste			
	ARRRRR	2003/0079169	04/24/03	Ho et al.			
	ASSSSS	2002/0191533	12/19/02	Chini et al.			
	ATTTTT	2002/0065047	05/30/02	Moose			
	AUUUUU	2002/0048368	04/25/02	Gardner			
	AVVVVV	2002/0042836	04/11/02	Mallory			
	AWWWWW	2001/0048692	12/06/01	Karner			
	AXXXXX	2001/0043576	11/22/01	Terry			
	AYYYYY	Re. 35,001	07/25/95	Grow			

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AZZZZZ	02/41598	05/23/02	PCT				
	AAAAAA	98/57440	12/17/98	PCT				
	ABBBBB	3413144	10/17/85	Germany				

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 04838-062001	Application No. 09/632,609
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Lawrence W. Yonge III.	
		Filing Date August 4, 2000	Group Art Unit 2663

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	ACCCCC	USSN 09/632,303
	ADDDDD	Sun et al., Public-key ID-based Cryptosystem, 1991, IEEE, pages 142-144
	AEEEEEE	Bruschi, Danilo, Secure Multicast in Wireless Networks of Mobile Hosts: Protocols and Issues, 2002, Mobile Networks and Applications, pages 503-511
	AFFFFFF	ISO/IEC 8802-3: 2002 International Standard (ANSI/IEEE Std 802.3) Carrier sense multiple access with collision detection (CSMA/CD) access method and physical layer specifications
	AGGGGG	Bux, "Token-Ring Local-Area Networks and Their Performance," Procs. Of the IEEE, Vol. 77, No. 2, February 1989
	AHHHHH	Applied Cryptography, Second Edition: protocols, algorithms, and source code in C, Bruce Schneier, 1996
	AIIIII	PKCS #5 v. 20: Password-Based Cryptography Standard, RSA Laboratories, March 25, 1999
	AJJJJJ	HomePlug Powerline Alliance, HomePlug 1.0.1 Specification, December 1, 2001
	AKKKKK	Lee et al., "HomePlug 1.0 powerline communication LANs – protocol description and performance results", Int. J. Commun. Syst., Vol. 16 (2003)
	ALLLLL	Carrier sense multiple access with collision detection (CSMA/CD) access method and physical layer specifications, ISO/IEC 8802-3: 1996 International Standard (ANSI/IEEE Std 802.3)
	MMMMM	Bertsekas et al., Data Networks, Prentice Hall, Englewood Cliffs, NJ, Section 2.4.3 Selective Repeat ARQ (1992)
	ANNNNN	HiPerformance Radio Local Area Network (HiperLAN) Type I: Functional Specification, European Standard (Telecommunication Series) No. 300652 V. 1.2.1 1998-07
	AOOOOO	An Architecture for Differentiated Services, IETF RFC 2475, December 1998
	APPPPP	Goalic et al., "Real-Time Turbo-Decoding of Product Codes on a Digital Signal Processor," IEEE, pp. 624-628 (1997)
	AQQQQQ	Benedetto et al., "A Soft-Input Soft-Output Maximum A Posteriori (MAP) Module to Decode Parallel and Serial Concatenated Codes," TDA Progress Report 42-127, pp. 1-20 (11/96)
	ARRRRR	Peterson et al., "Error-Correcting Codes," The MIT Press (1972)
	ASSSSS	Pyndiah, "Near-Optimum Decoding of Product Codes: Block Turbo Codes," IEEE Transactions on Communications, Vol. 46, No. 8, pp. 1003-1010 (08/98)
	ATTTTT	Pyndiah, "Near Optimum Decoding of Product Codes," IEEE, pp. 339-343 (1994)
	AUUUUU	Pyndiah, "Performance of Block Turbo Coded 16-QAM and 64-QAM Modulations," IEEE, pp. 1039-1043 (1995)
	AVVVVV	Ehram et al., "A cryptographic key management scheme for implementing the Data Encryption Standard," IBM Syst J, Vol. 17, No. 2 (1978)

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	